

Pathology Jars

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How to describe a Jar?

① Specimen :

1. Organ
2. Closed or Opened L.S
T.S
3. Adult or child

② Lesion : (75% Mass, ulcer or cavity)

Number
Site
Size
Shape
Surrounding
+

Mass



1. Cut and outer Surface
2. Colour
3. ± Capsule

Cavity



1. Wall
2. Content

ulcer



1. Edge
2. Floor

③ Diagnosis :

----- + -----

* Malignant Mass:

Single (Multiple in metastasis) • in $\begin{cases} \text{upper} \\ \text{Middle} \\ \text{lower} \end{cases}$ (part of organ)
 $\begin{cases} \text{oval} \\ \text{rounded} \\ \text{irregular} \end{cases}$ • measuring ---- X --- cm .

Non Capsulated, greyish white mass, replacing and infiltrating the underlying tissue with Cut Surface showing areas of haemorrhage and necrosis.

Exception: NO greyish white colour in.

Malignant Melanoma	→	dark brown
Renal cell Carcinoma	→	golden yellow
Seminoma	→	pink ; greyish.
Sarcoma	→	tan coloured.
Chorio Carcinoma	→	dark reddish grey.

* Cavity :

Acute abscess :

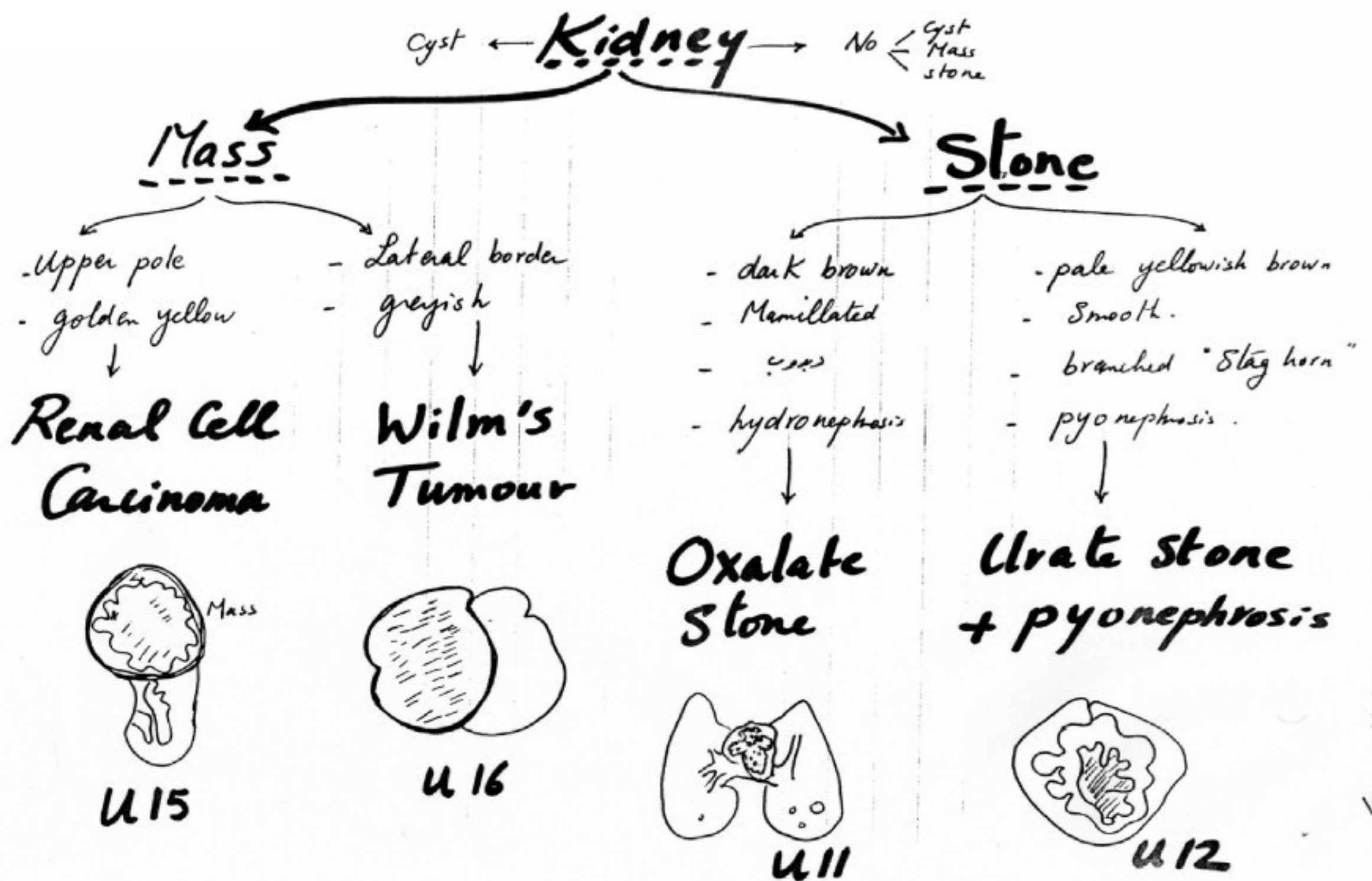
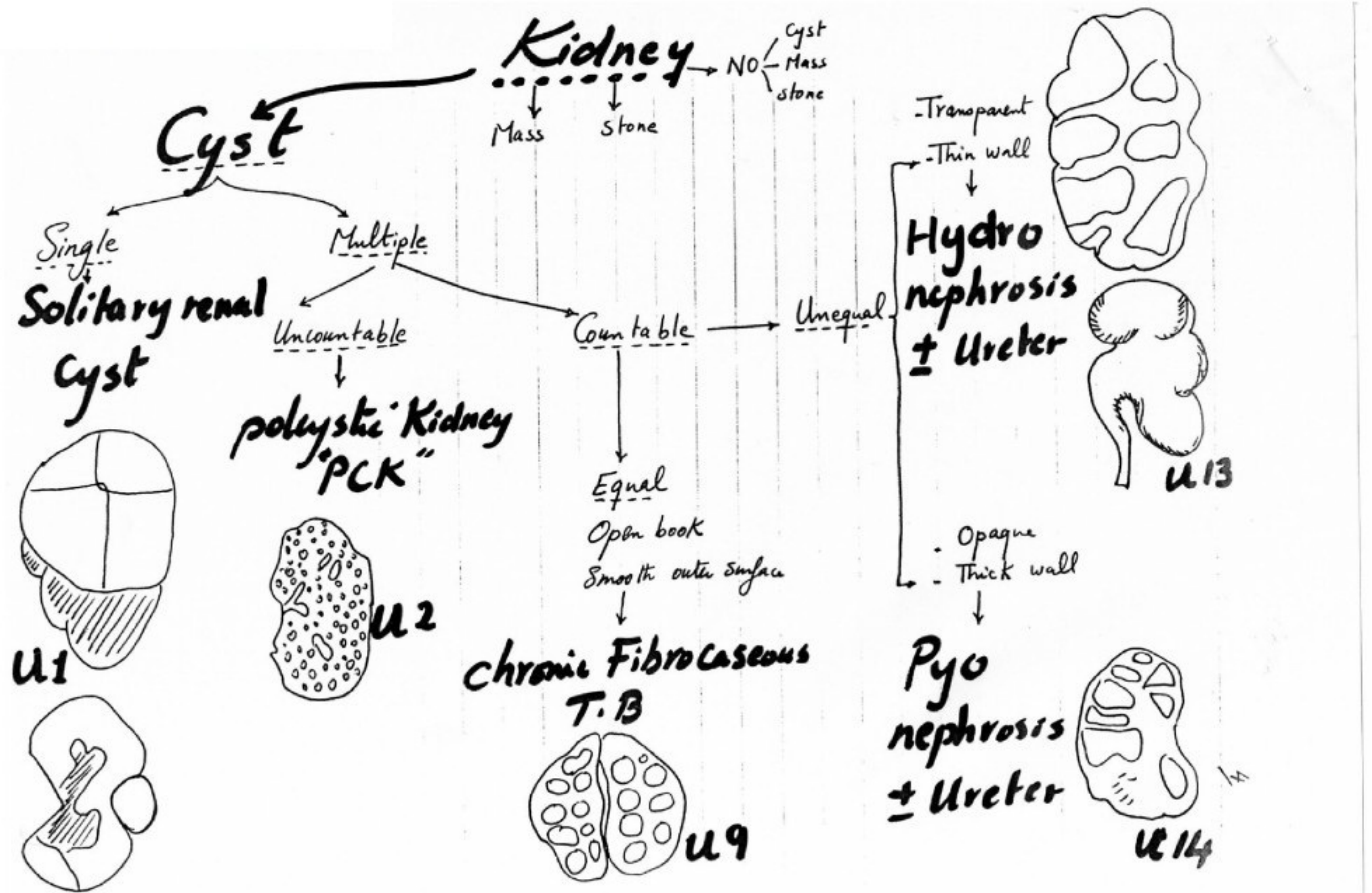
----- + With thin necrotic irregular walls, filled with necrotic tissue and pus, surrounding tissue is congested

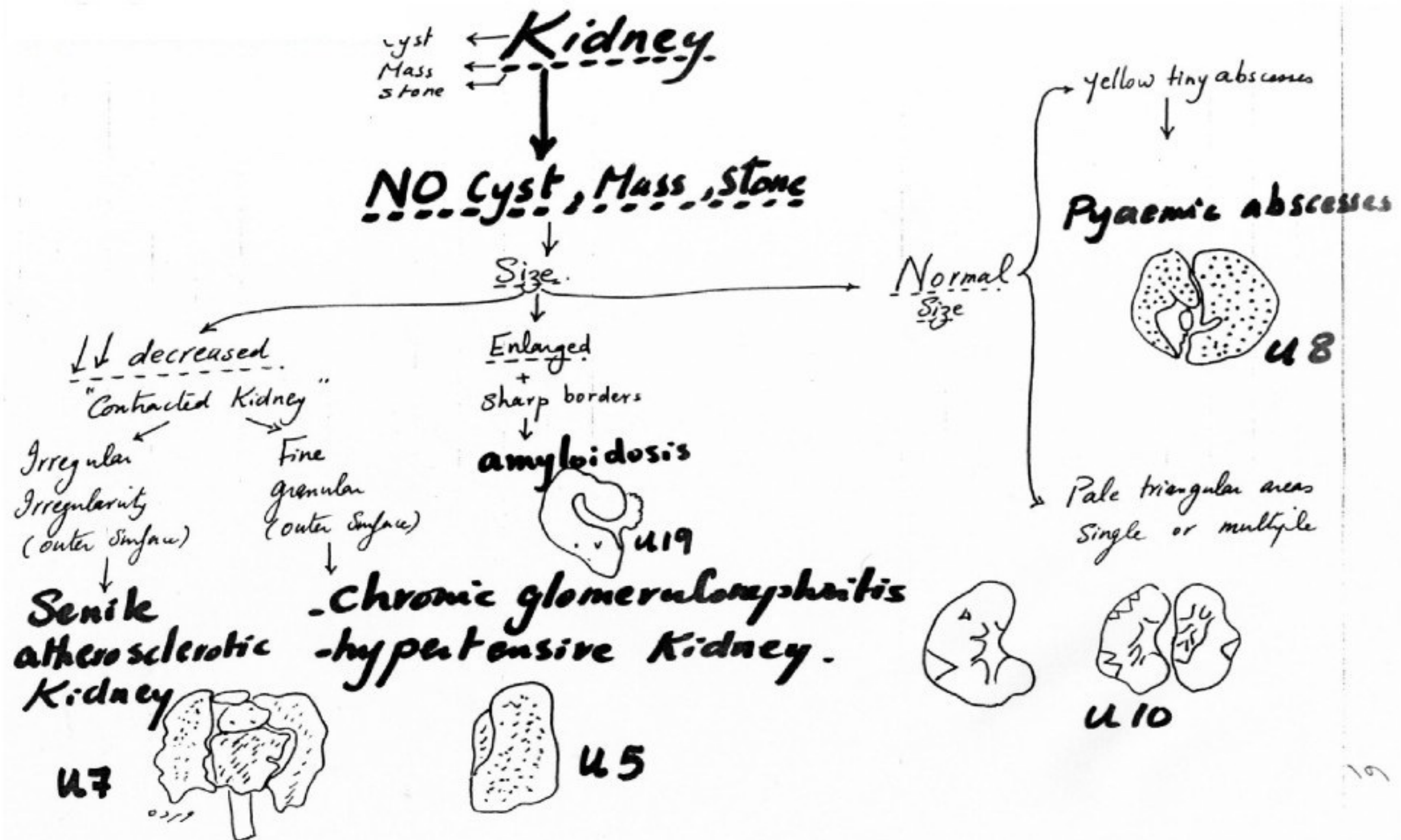
Chronic abscess :

----- + With thick regular smooth walls, empty lined by inspissated pus, surrounding tissue is fibrosed

* Malignant ulcer :

raised everted edges
Necrotic floor
infiltration of underlying tissue.

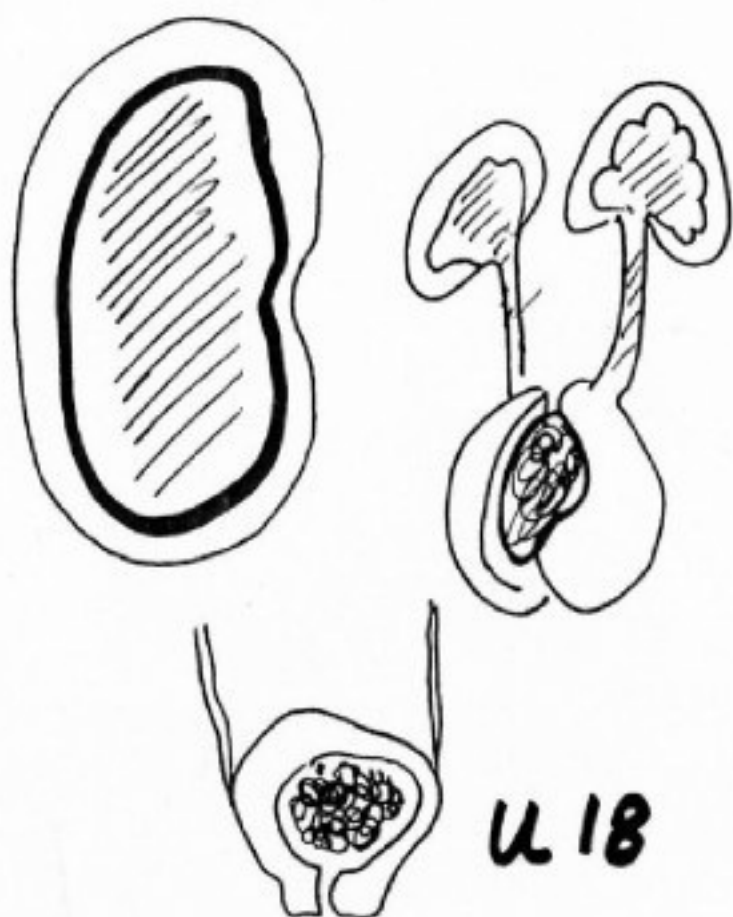




Urinary bladder

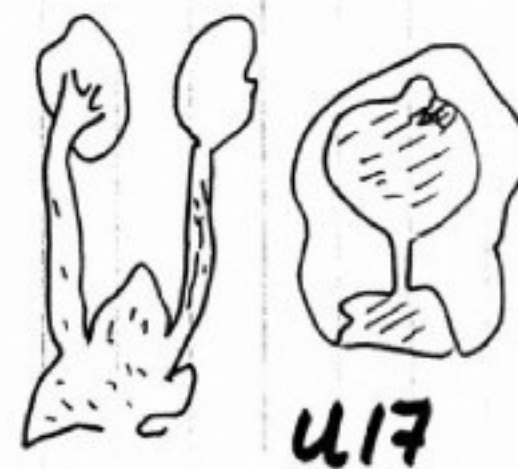
Mass

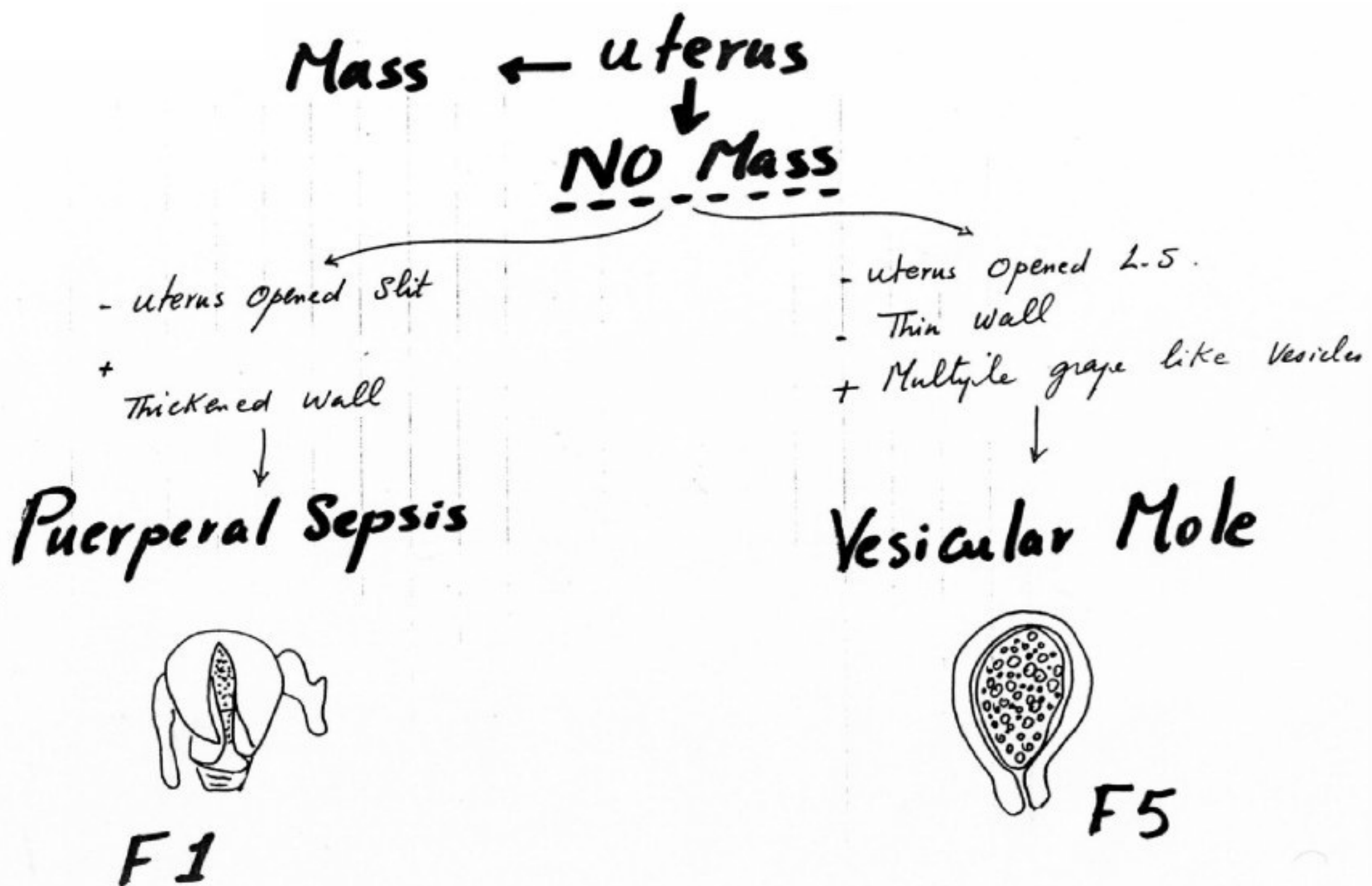
Carcinoma of Urinary bladder

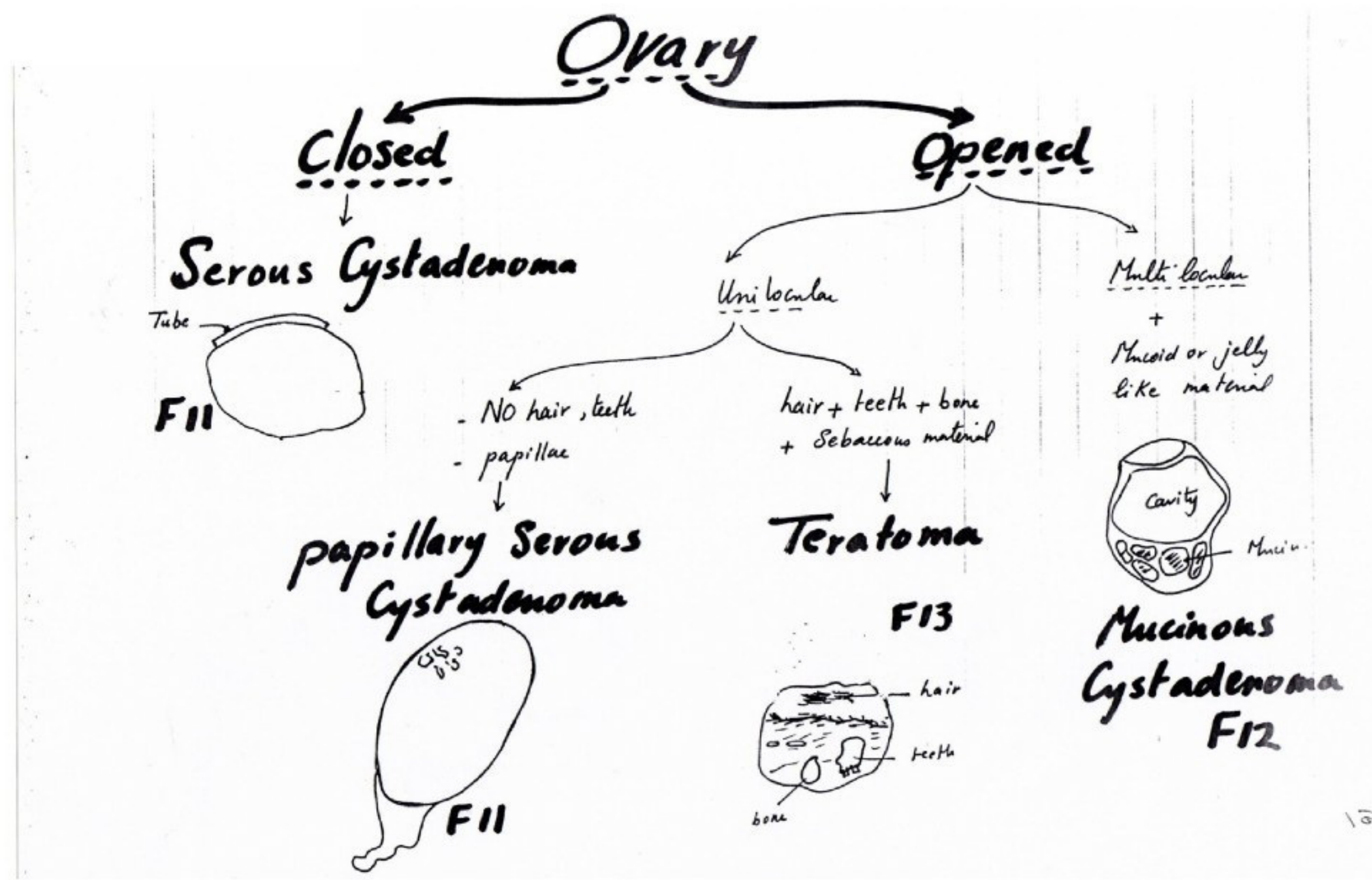


NO Mass

Bilharziasis of Urinary bladder





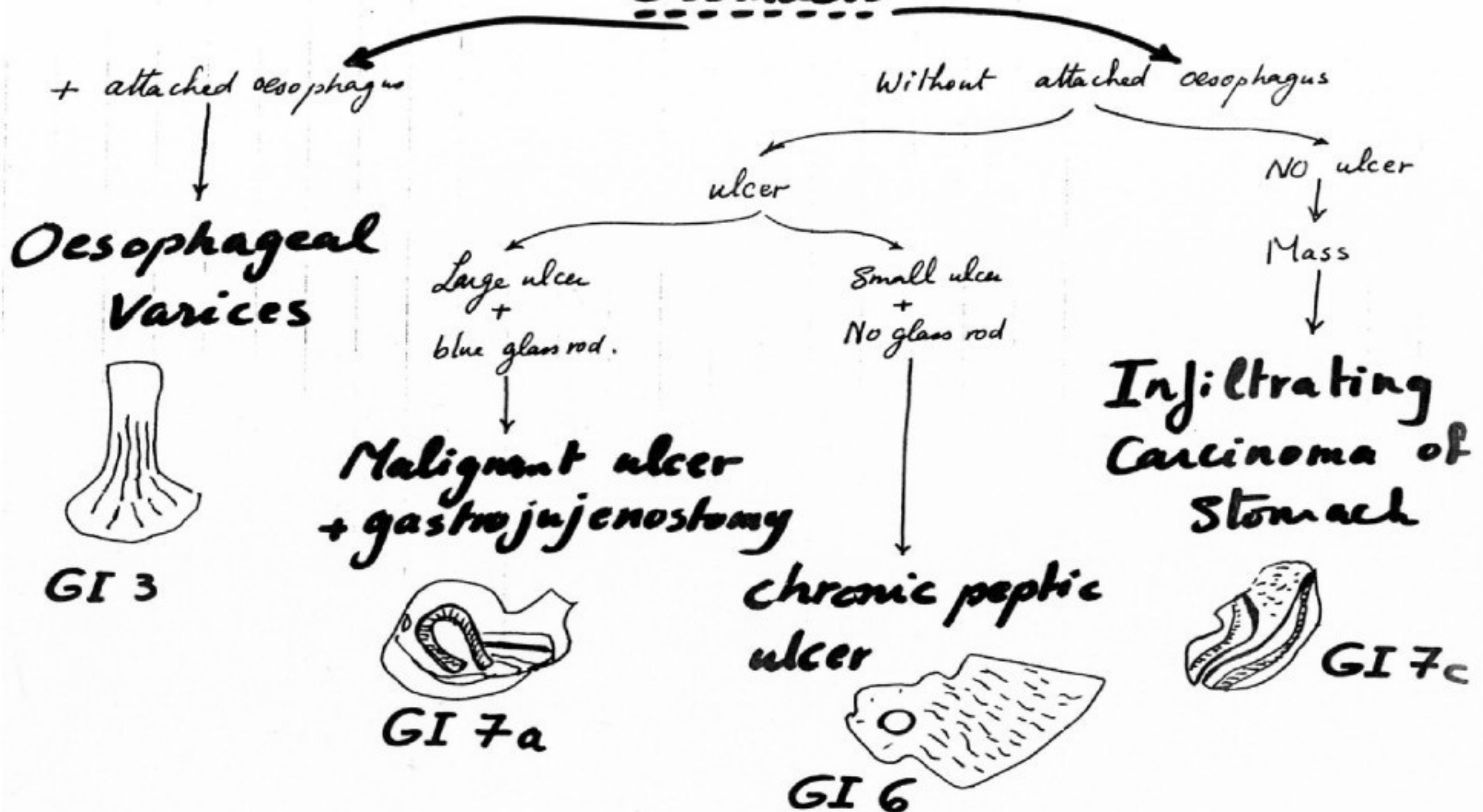


Male genital System



Gastrointestinal Tract

Stomach



Small intestine = NO appendices Epp.

Closed

Opened

adherent loops
+ yellow spots

T.B
Peritonitis



GI 18

Rounded or U shape
+ dark grey colour
+ Black areas

GI 15



**Strangulated
hernia.**

Rounded
+ blind pouch

**Meckel's
diverticulum**



GI 19

Transverse

**T.B
ulcer**



GI 12

Longitudinal

**Typhoid
ulcer**



GI 11

ulcer

NO ulcer

Intussusception

$\frac{1}{2}$ opened
 $\frac{1}{2}$ closed

ileoileal



شباك

ileoileal



Rounded bulge



GI 16

ileocaecal

Large intestine = appendices eppip.

Mass

ulcer

Mass
NO ulcer
**= Bacillary
dysentery** GI 8

Single

**Fungating
Carcinoma
of L.I**



GI 14 a

Multiple = **Bilharzial
polypi in L.I**



GI 10

Single

**Malignant
ulcer**



GI 14 b

Multiple

**Amoebic
ulcer**



GI 9

Appendix
**= acute Suppurative
appendicitis**



GI 17

**+
Fistula
Formation**

Respiratory System

Larynx

No Mass

Diphtheria



R1

Mass

Localized
نورس
(کره)

Papilloma



R2

Large irregular mass/ulcer

Carcinoma of Larynx
± L.N metastasis
± Malignant ulcer
± Tracheostomy



R3b



R3c



R3a

Lung

Cavity

Mass

NO-Mass
Cavity

Single

لون أسود =

Lung gangrene
+ empyema

Acute Lung abscess

- Thin Wall
- Irregular lining
- filled by necrotic tissue + pus



R10

Chronic Lung abscess

- Thick wall
- Smooth lining
- empty



R11



R13

Multiple

Multiple Small Cavities
at the base
± Lung abscess

Bronchiectasis



R12

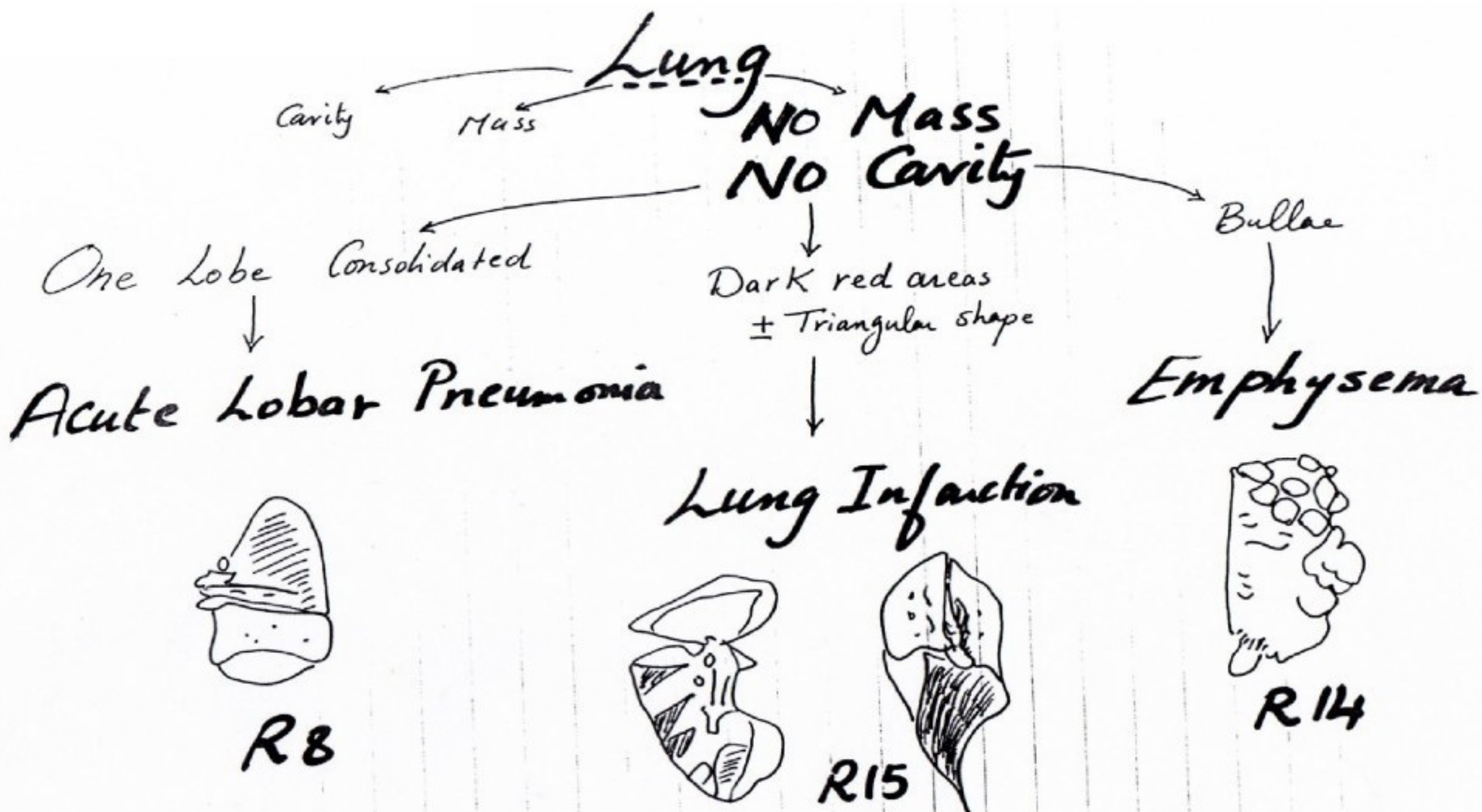
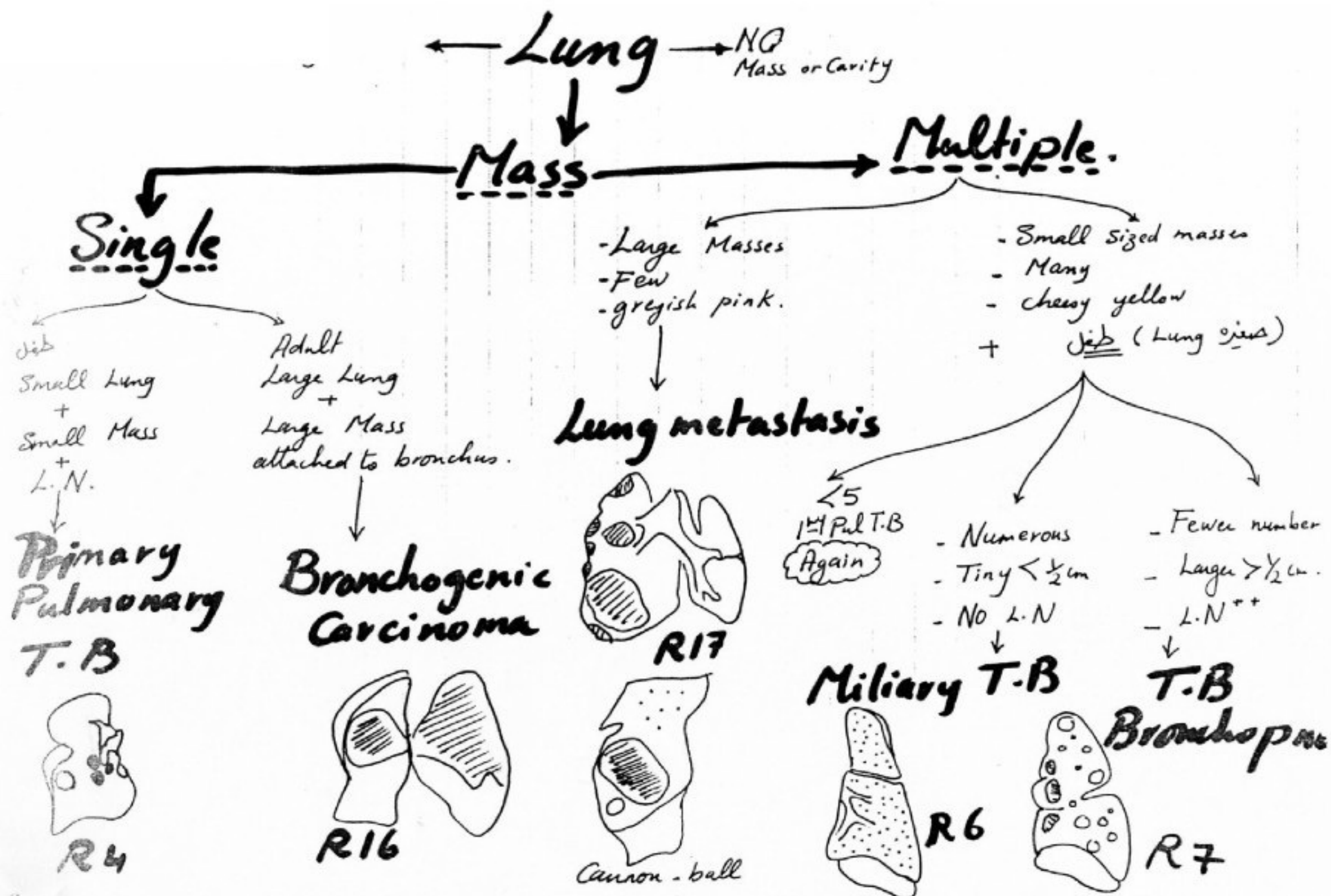
Large apical Cavity
± Caseation
+ Multiple small Cavities
all over lung.

Chronic Fibrocaseous T.B.

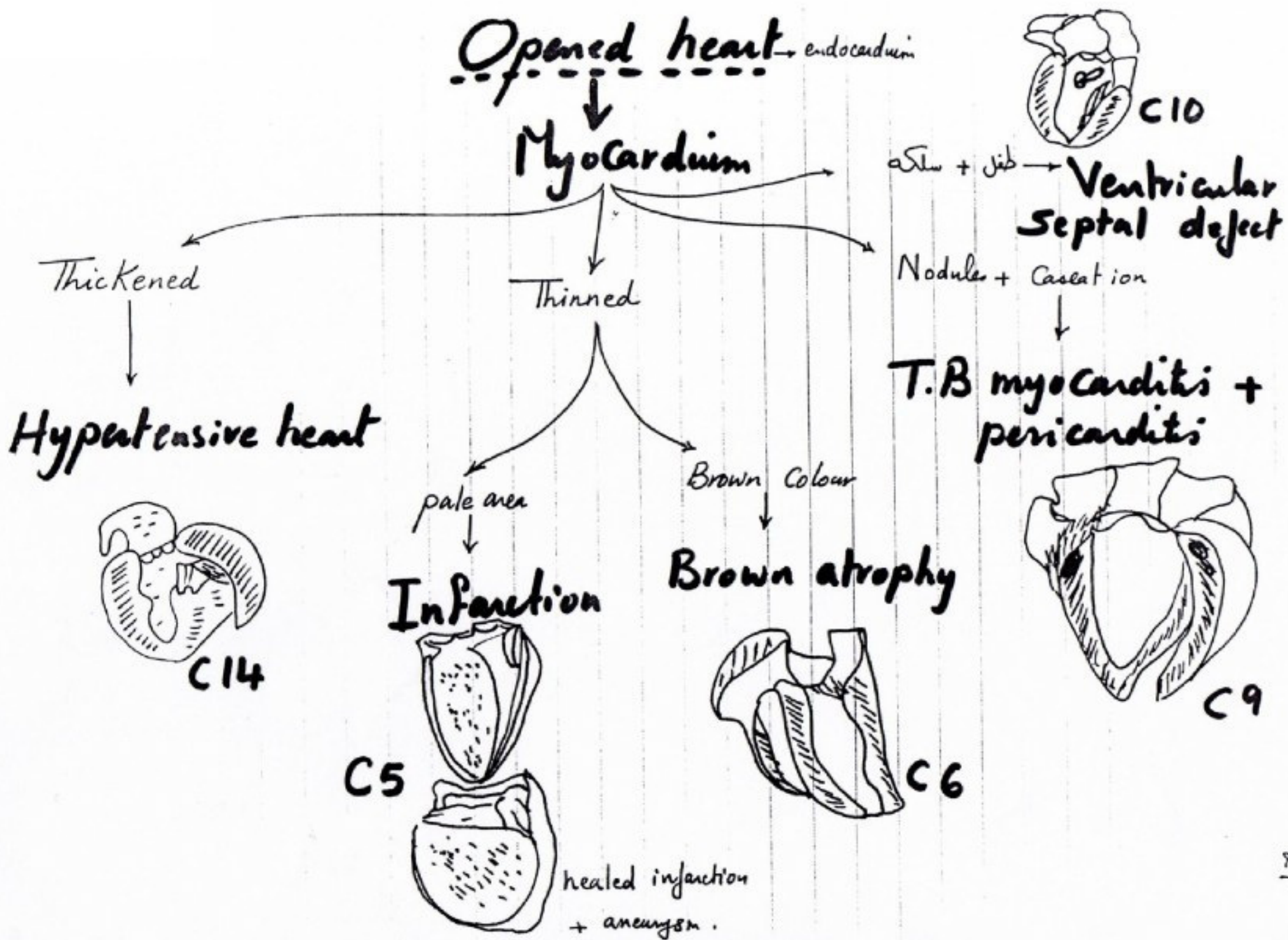
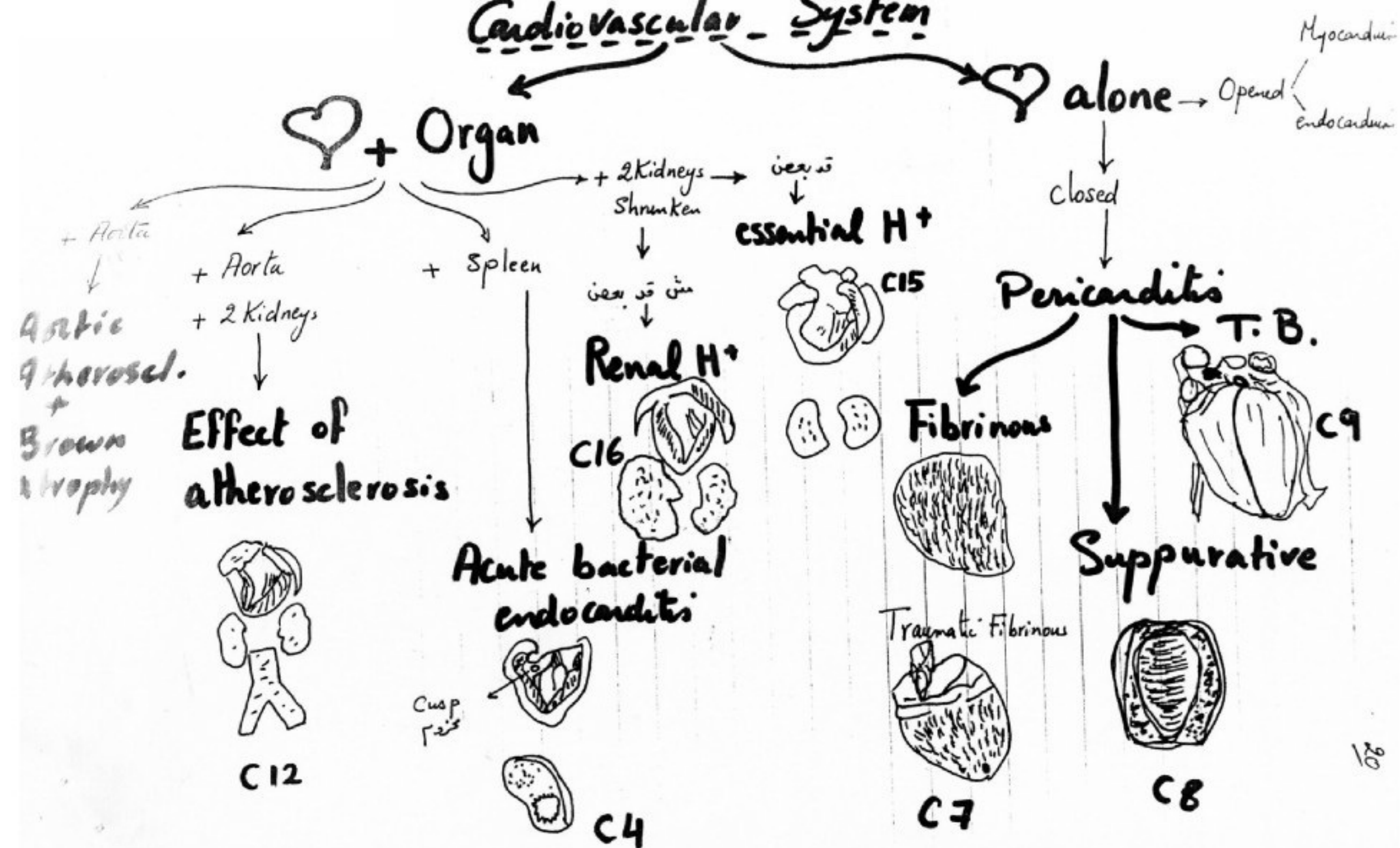


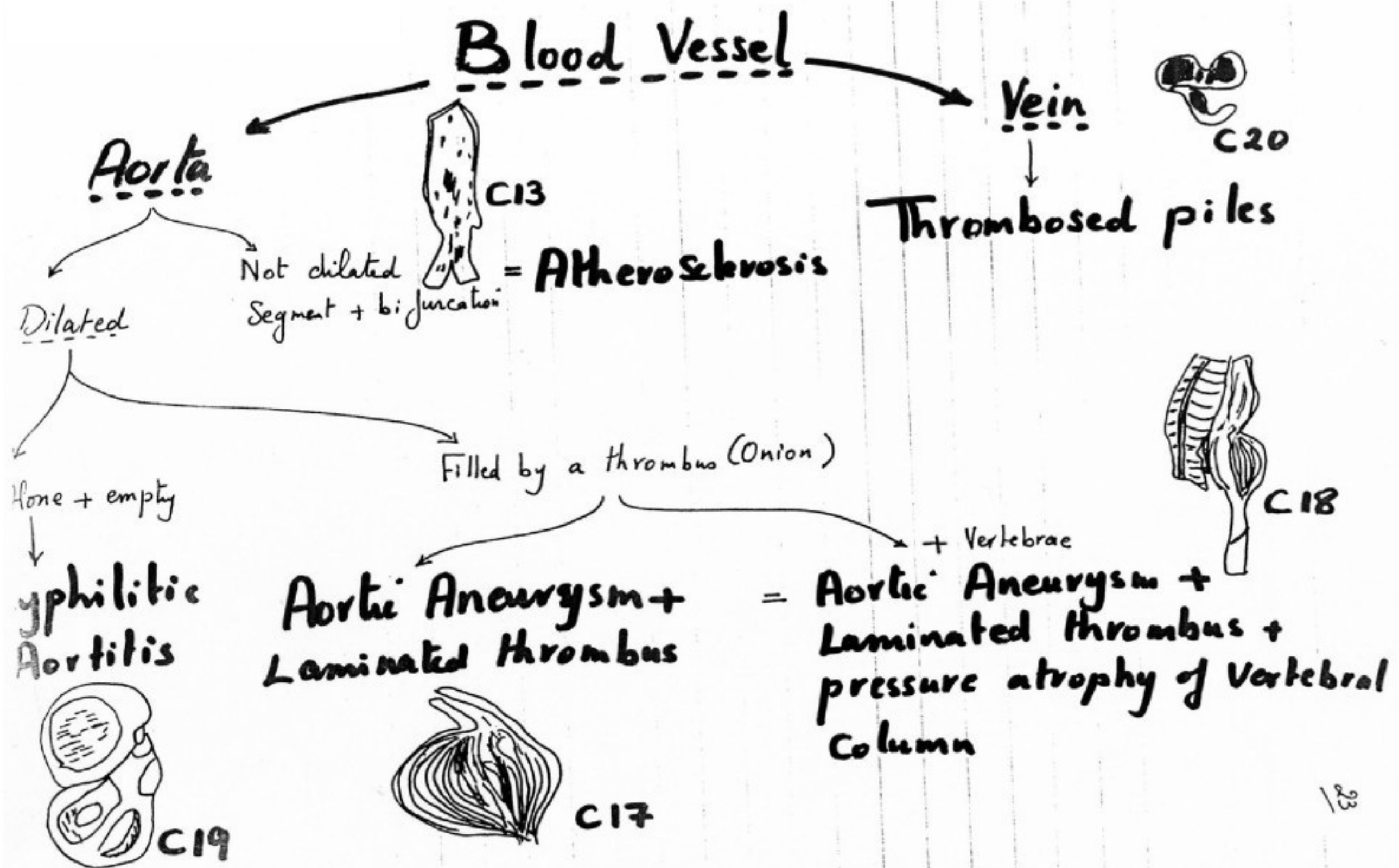
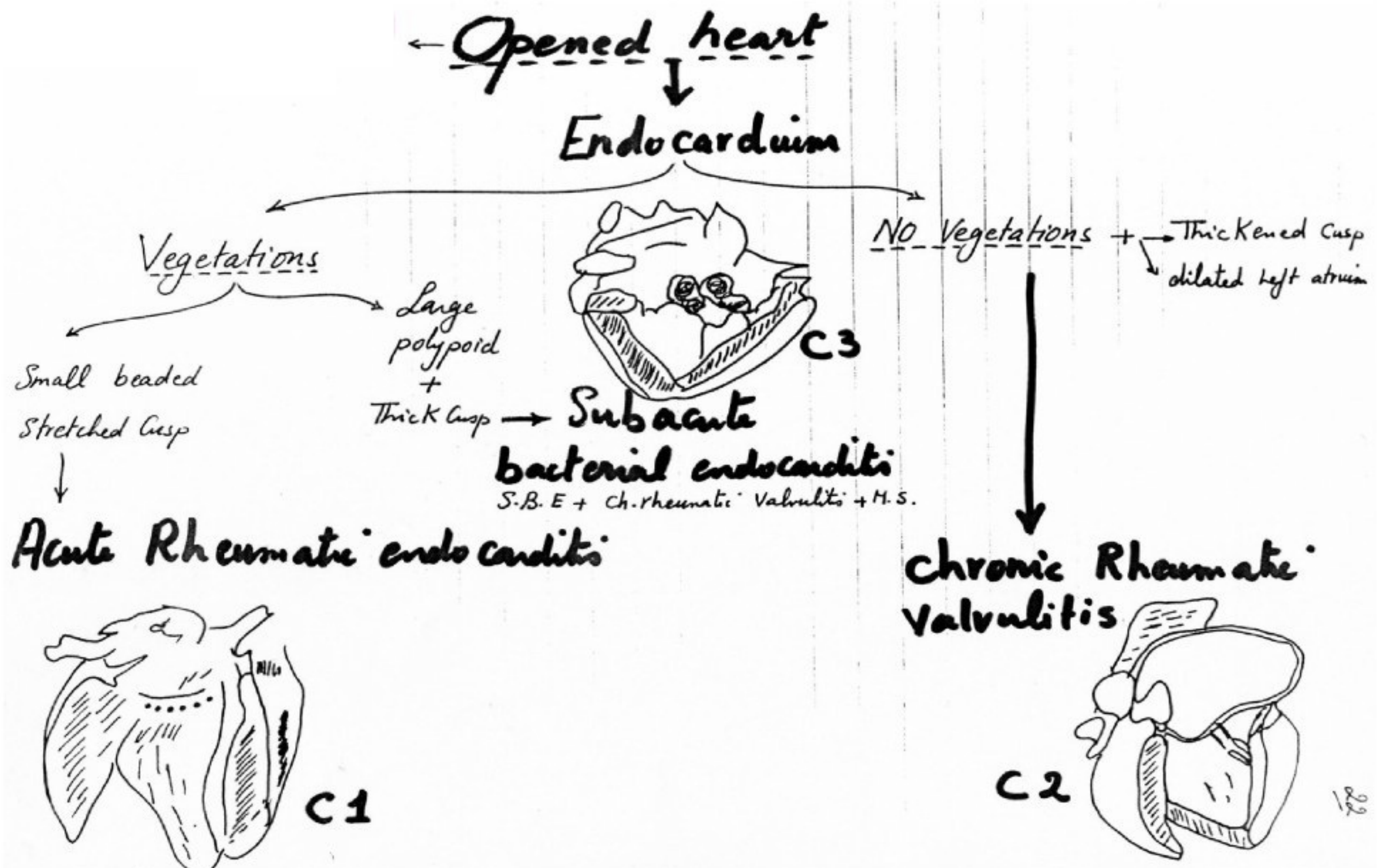
R5

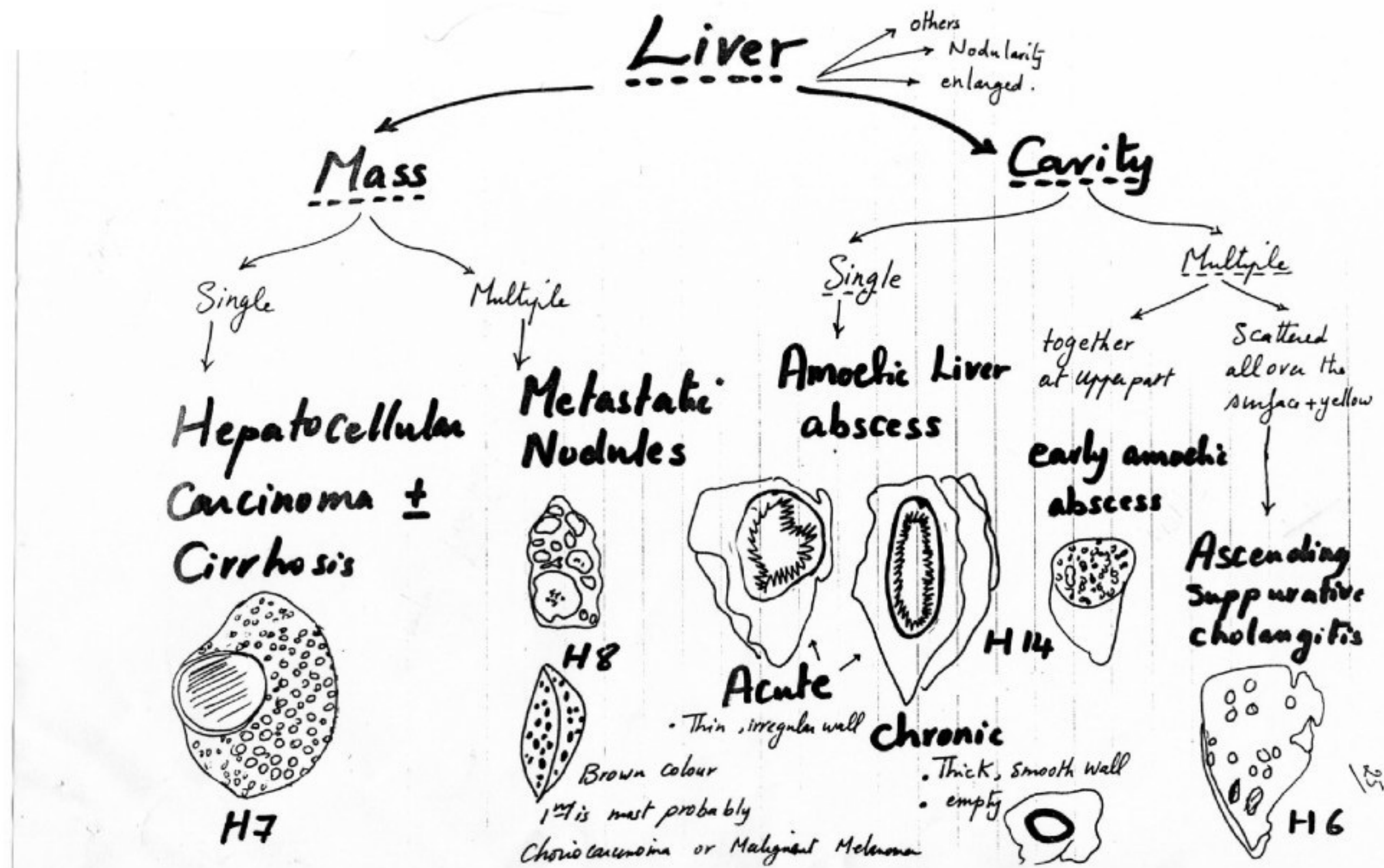
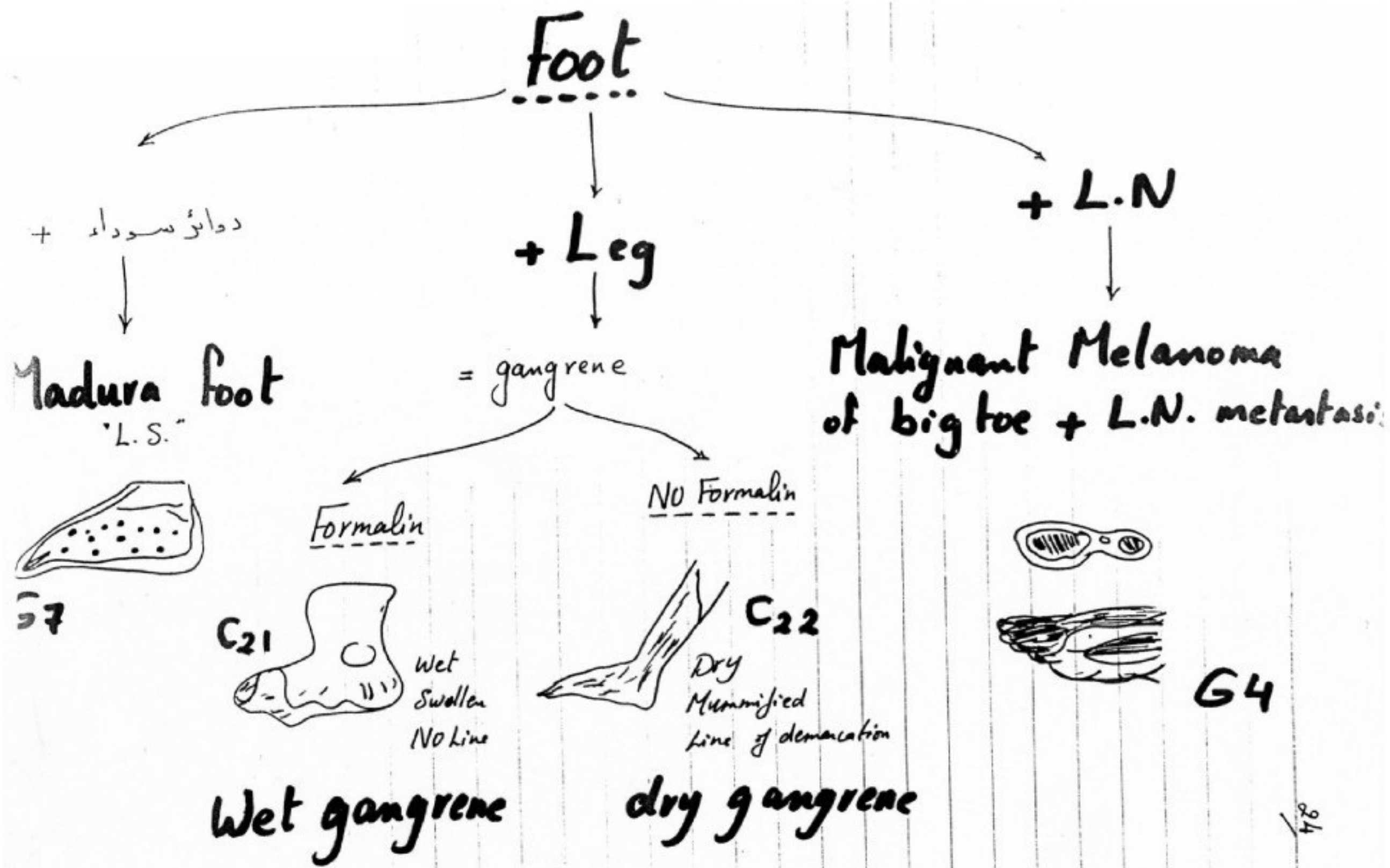


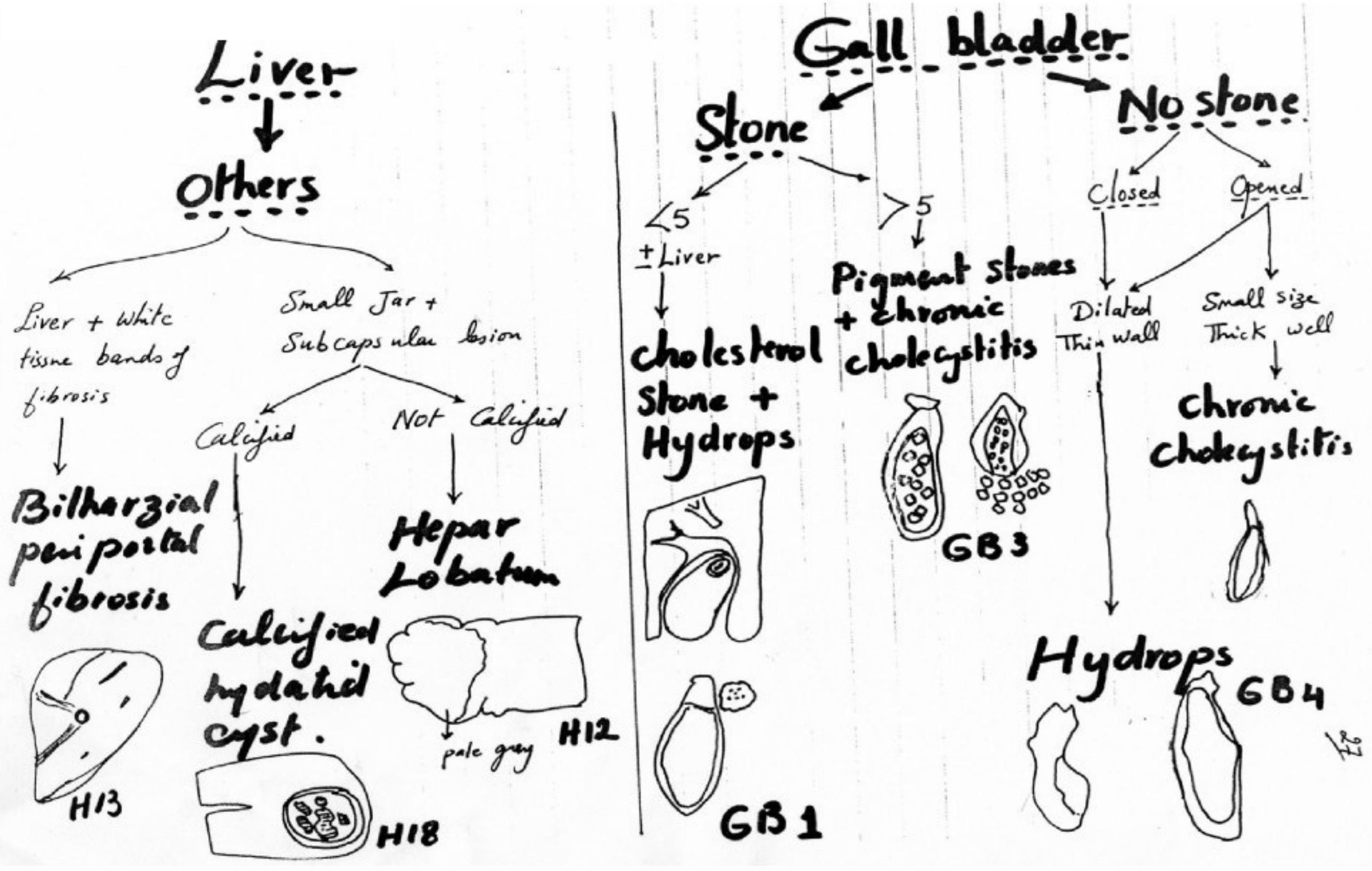
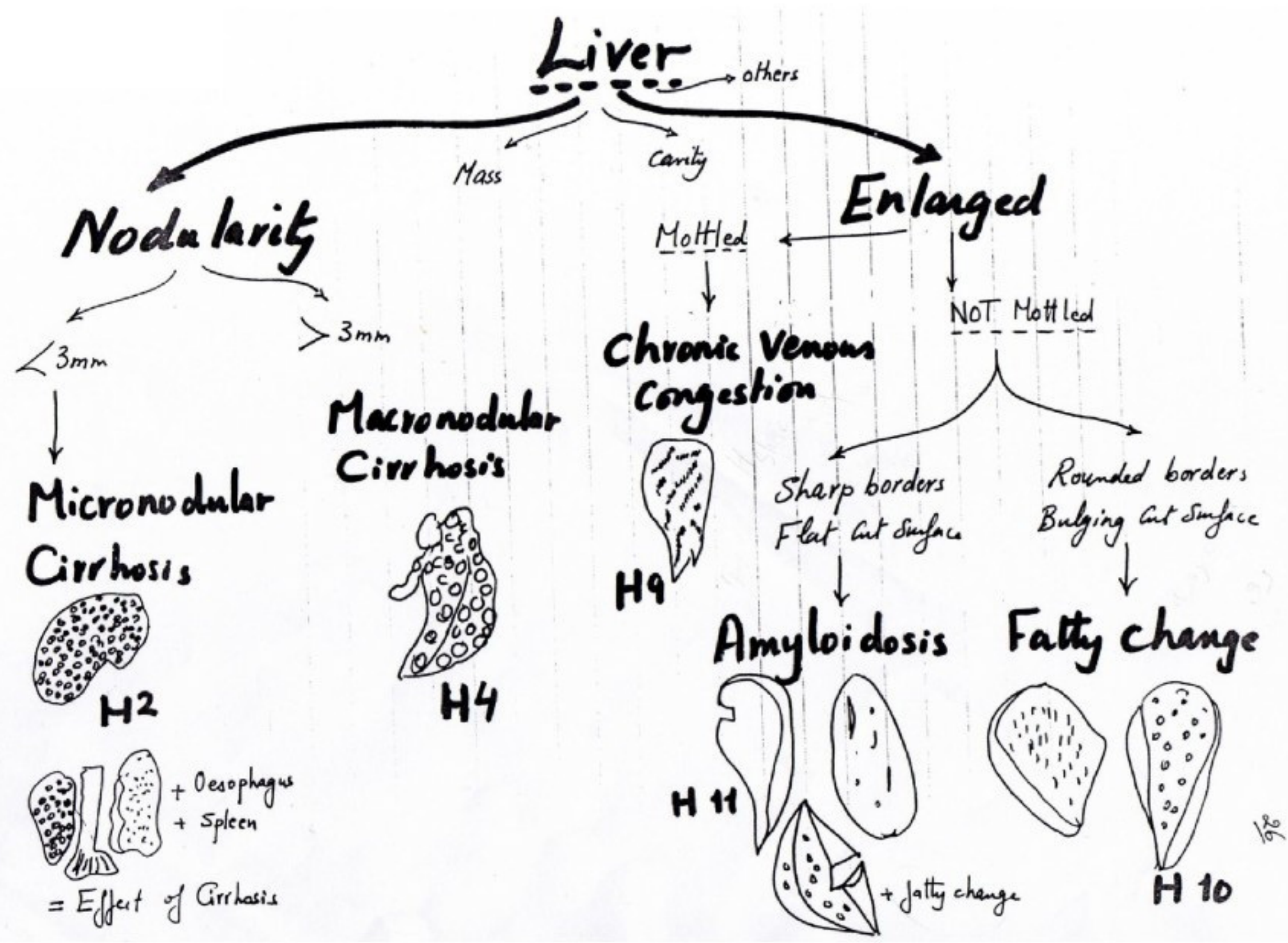


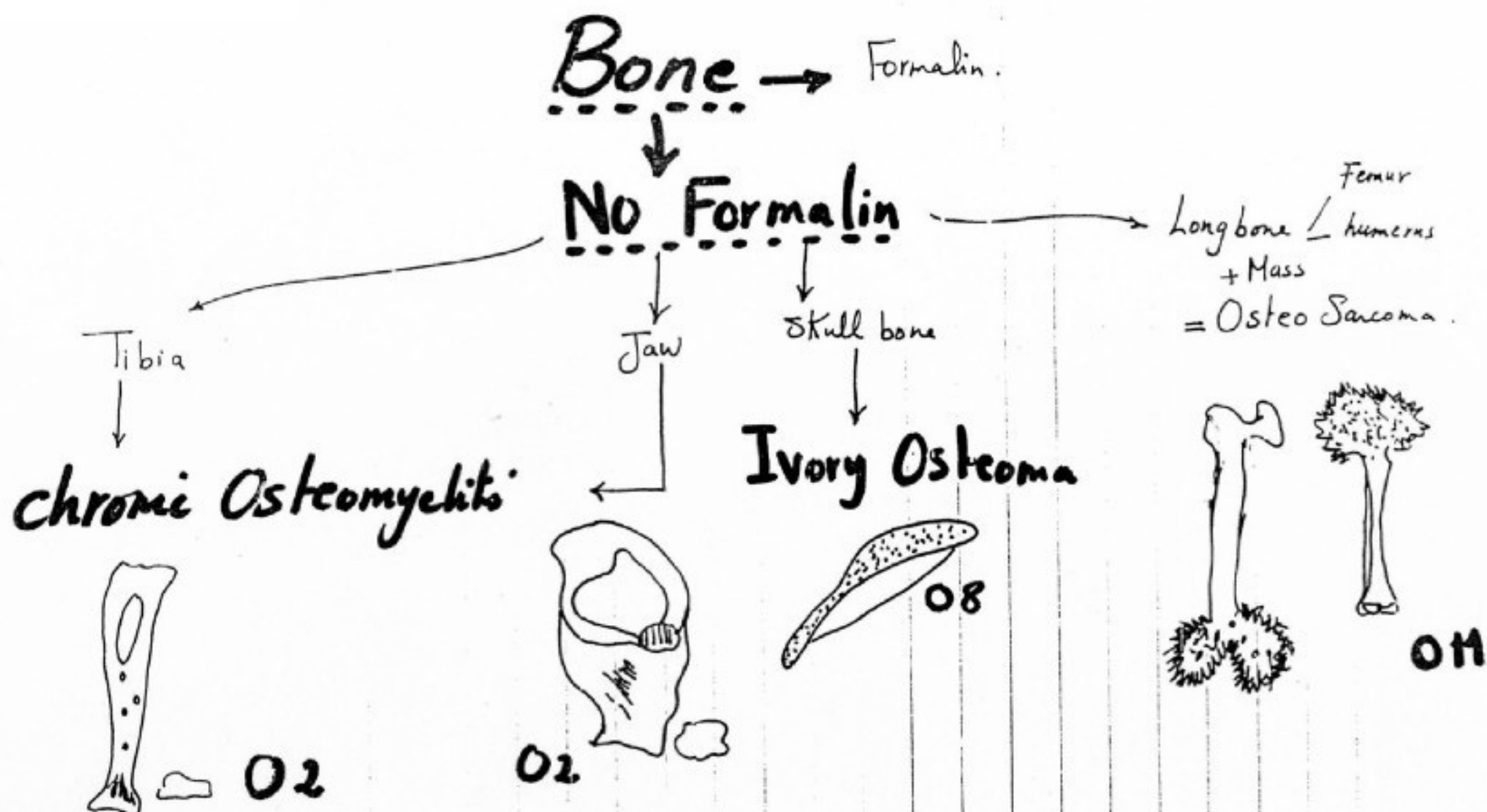
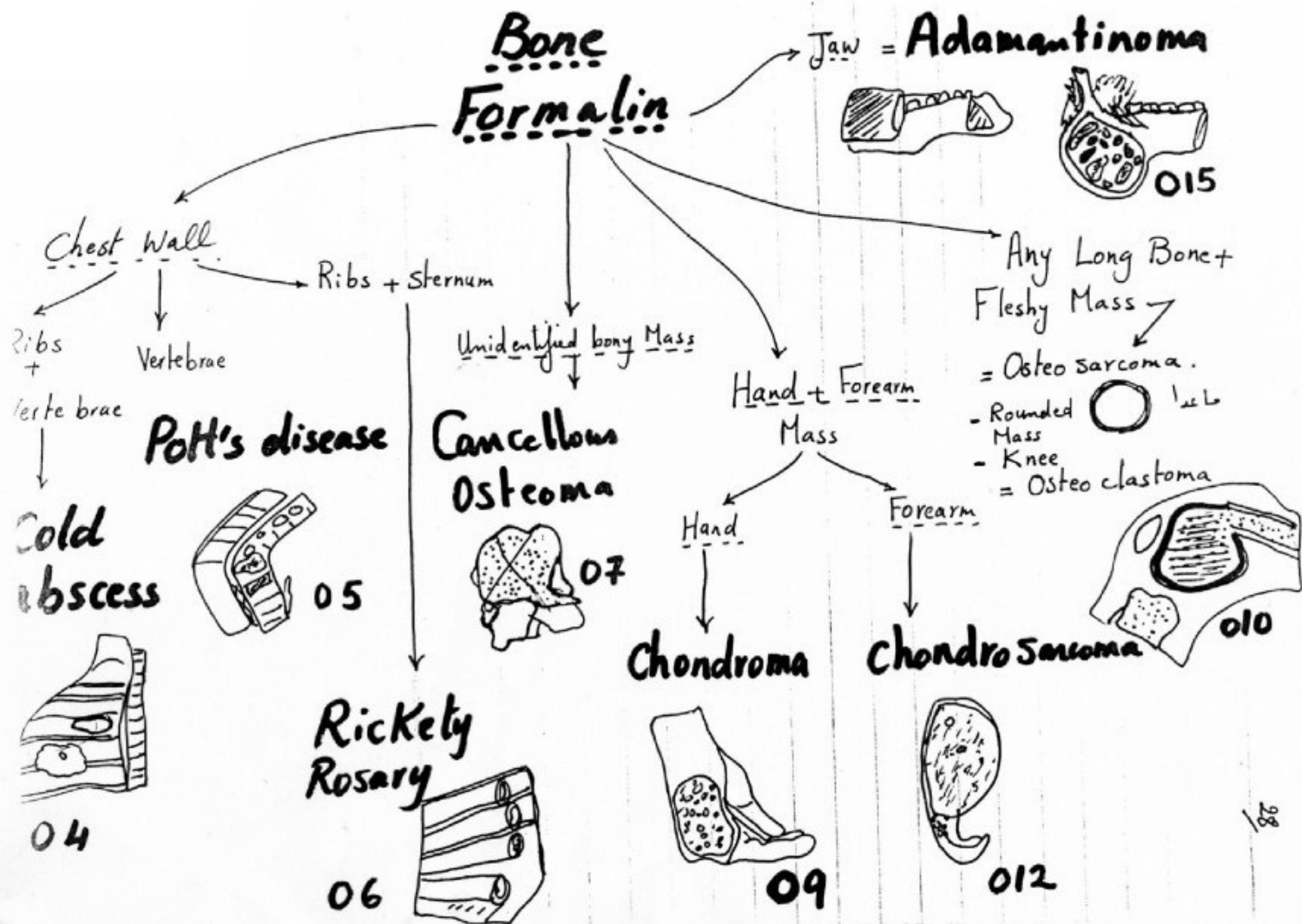
Cardiovascular System



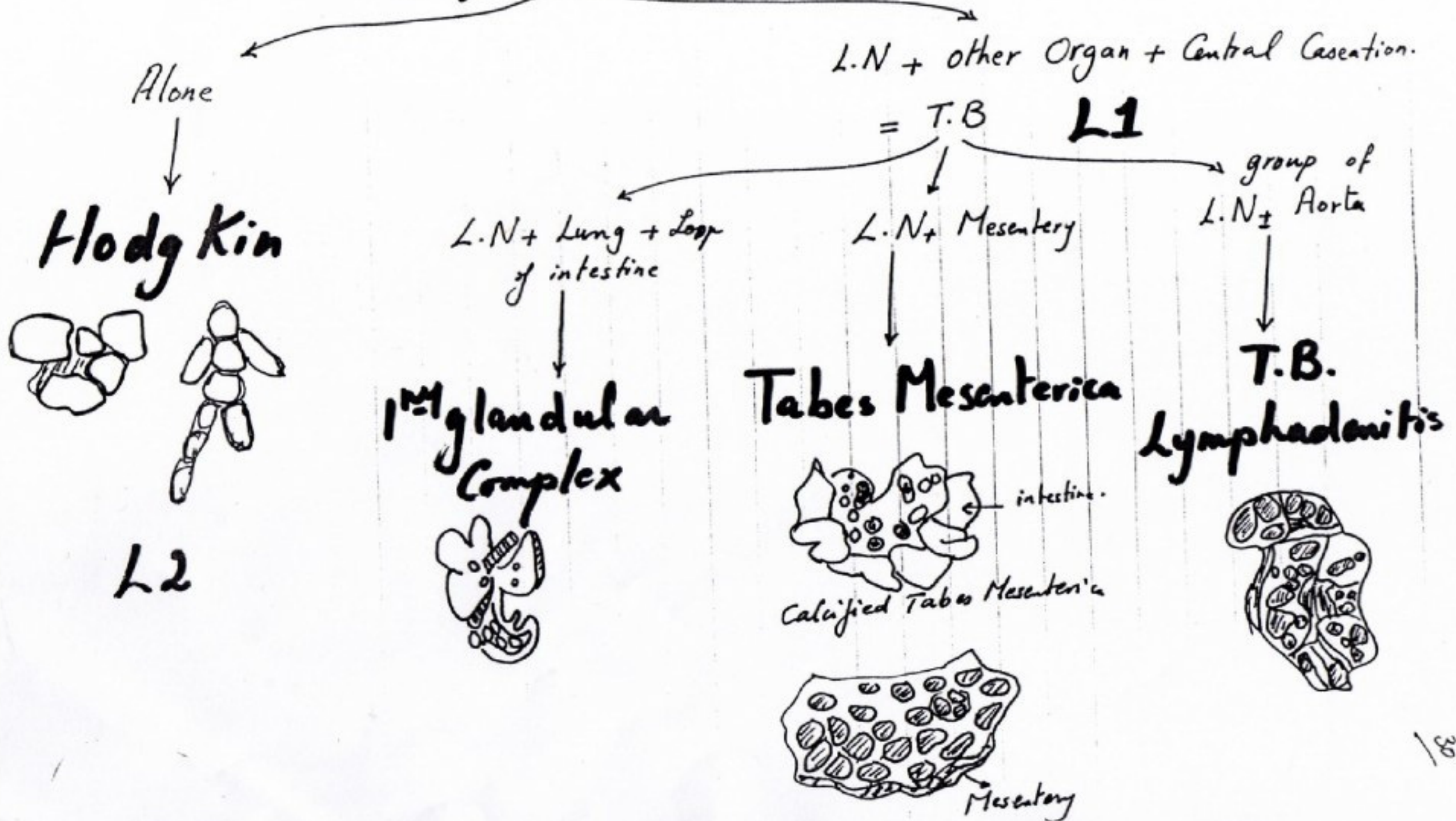








Lymph nodes



Spleen

